BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Providing Chain link fencing for Government Land & Burrial Ground at Kattigenahalli Village in Ward No:05

Agency:-Sri.K.NarayanaSwamy

SCHEDULE-B

Sl No	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
1	0.05	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. I. By Manual Means: A. In area of light jungle. and as per the direction of engineer in charge of work	Ha	56958.51	Rupees Fifty Six Thousand Nine Hundred Fifty Eight And Paise Fifty One Only
2	676.78	Excavation for road way in all types of soil by mechanical means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications. and as per the direction of engineer in charge of work	Cum	190.4	Rupees One Hundred Ninety And Paise Forty Only
3	91.61	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the direction of engineer in charge of work	Cum	5671.61	Rupees Five Thousand Six Hundred Seventy One And Paise Sixty One Only
4	104.04	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1 : 6 stone hammerd dressed in courses not less than 20 ems high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the direction of engineer in charge of work	Cum	4600.0	Rupees Four Thousand Six Hundred Only
5	14.89	Providing and laying in position plain cement concrete of mix 1:2:4 with cement@ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	6340.5	Rupees Six Thousand Three Hundred Forty And Paise Fifty Only
6	92.08	Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqmm with cement mortar1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	7305.39	Rupees Seven Thousand Three Hundred Five And Paise Thirty Nine Only
7	915.60	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. and as per the direction of engineer in charge of work	Sqm	284.33	Rupees Two Hundred Eighty Four And Paise Thirty Three Only
8	915.60	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.. and as per the direction of engineer in charge of work	Sqm	82.73	Rupees Eighty Two And Paise Seventy Three Only

Executive Engineer
Project Division
Yelahanka Zone

Contractor

Sl No	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
9	15.34	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications and as per the direction of engineer in charge of work	Tonne	70626.54	Rupees Seventy Thousand Six Hundred Twenty Six And Paise Fifty Four Only
10	1600.10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. and as per the direction of engineer in charge of work	Sqm	341.43	Rupees Three Hundred Forty One And Paise Forty Three Only
11	214.48	Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. and as per the direction of engineer in charge of work	Cum	7004.73	Rupees Seven Thousand Four And Paise Seventy Three Only
12	343.20	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading , unloading, etc.,complete as per the direction of engineer in charge- Data Rate and as per the direction of engineer in charge of work	Sqm	2465.9	Rupees Two Thousand Four Hundred Sixty Five And Paise Ninety Only
13	10.50	Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading , unloading,etc.,complete as per the direction of engineer in charge- (Data rate) and as per the direction of engineer in charge of work	Sqm	5514.76	Rupees Five Thousand Five Hundred Fourteen And Paise Seventy Six Only
14	94.28	Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification complete as per specifications and as per the direction of engineer in charge of work28.11) and as per the direction of engineer in charge of work	Cum	610.62	Rupees Six Hundred Ten And Paise Sixty Two Only
15	94.50	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work	Sqm	767.94	Rupees Seven Hundred Sixty Seven And Paise Ninety Four Only

Contractor

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Yelahanka Zone

No	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
16	59.40	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) and as per the direction of engineer in charge of work	m	850.0	Rupees Eight Hundred Fifty Only
17	135.00	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work	m	377.56	Rupees Three Hundred Seventy Seven And Paise Fifty Six Only
18	13.50	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. and as per the direction of engineer in charge of work	Sqm	3419.04	Rupees Three Thousand Four Hundred Nineteen And Paise Four Only
19	50.00	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour. (excluding cost of casing pipes, collars and cap, etc.) 0.00 to50.00 Mtr and as per the direction of engineer in charge of work	Rmtr	330.17	Rupees Three Hundred Thirty And Paise Seventeen Only
20	50.00	b) 50.00 to 100.00 Mtr	Rmtr	431.6	Rupees Four Hundred Thirty One And Paise Sixty Only
21	50.00	c) 100.00 to 150.00 Mtr	Rmtr	480.15	Rupees Four Hundred Eighty And Paise Fifteen Only
22	50.00	d) 150.00 to 200.00 Mtr	Rmtr	478.0	Rupees Four Hundred Seventy Eight Only

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No	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
23	50.00	e) 200.00 to 250.00 Mtr	Rmtr	550.0	Rupees Five Hundred Fifty Only
24	50.00	f) 250.00 to 300.00 Mtr	Rmtr	590.0	Rupees Five Hundred Ninety Only
25	35.00	g) 300.00 to 350.00 Mtr	Rmtr	630.0	Rupees Six Hundred Thirty Only
26	7.00	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty. Page No.ii, I.No.53 PRE Bang SR 2016-17 and as per the direction of engineer in charge of work	Rmtr	1330.0	Rupees One Thousand Three Hundred Thirty Only
27	7.00	a) Above 20mtrs and upto 30mtrs.@15%	Rmtr	50.0	Rupees Fifty Only
28	14.00	b) Above 30mtrs@30%	Rmtr	93.0	Rupees Ninety Three Only
29	5.00	175mm M.S. B-Class Casing Collar (P.No.ii,I.No.55)	Nos	153.0	Rupees One Hundred Fifty Three Only
30	1.00	175mm dia Casing Cap (P.No.ii,I.No.54)	Nos	105.0	Rupees One Hundred Five Only
31	1.00	Supply and delivery at site brand new submesible PUMPSET suitable for bore well of 150 mm dia and having declared duty conditions as detailed below and satisfying performances characteristics for pump and motor as declared by bureau of Indian standards. The pump should confirm to IS:8034-1970 (with all its latest amendments) and should bear the ISI mark 12.5 HP 20 stage (CRI Pumps) and as per the direction of engineer in charge of work	Set	70610.0	Rupees Seventy Thousand Six Hundred Ten Only
32	250.00	Supply and Delivery of Galvanized Mild steel Heavy Class (C-Class) conforming to IS 1239-1979 PART-I/1979 with lastest amendments with ISI mark (one end fitted with ISI mark heavy duty collar and other end fitted with Protective cover) 50 mm dia and as per the direction of engineer in charge of work	Rmtr	350.0	Rupees Three Hundred Fifty Only
33	450.00	Submersible Cable: Supply and Delivery of brand new best make PVC insulated cable of flat 3core (sheathed) of nominal cross sectional area containing to IS 894-1997 with latest amendments (as per SPD) 4 Square mm and as per the direction of engineer in charge of work	Rmtr	95.0	Rupees Ninety Five Only
34	30.00	50 mm dia GI Collar Heavy duty	Rmtr	135.0	Rupees One Hundred Thirty Five Only

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Executive Engineer
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No	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
35	1.00	Meter and Panel Board: Supply and Delivery of Meter and Panel Board: Meter Board unit one number of MS Box of size 300x120 mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for munting the CTS (if any) cutouts 3phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. Panel Board: One number of cubicle type of control panel board to operate on 50c/400/400v Upto 10 to 20 HP and as per the direction of engineer in charge of work	Nos	11120.0	Rupees Eleven Thousand One Hundred Twenty Only
36	1.00	50mm dia G.I.N.R. Valve	Nos	860.0	Rupees Eight Hundred Sixty Only
37	1.00	Erection & Commissioning of work of pumpset including aligning and balancing with all necessary erection of materials and labour including supply and erection of two pair of supporting clamps, one borewell cap, cable clips and water tight gland cable protectors, bolts nuts valves and gauges etc, all job including fixing sluice valve, non return valve etc, and connecting delivery side of pumpset to rising main etc, complete. and as per the direction of engineer in charge of work	Nos	855.0	Rupees Eight Hundred Fifty Five Only
38	1.00	Power Capacitor: Supply and Delivery of brand new best make capacitor conforming to IS:2834-1986 with latest amendments with ISI mark of required capacity tested and approved by KPTCL anthorities and erection, electrification and commissioning of the same at the location of the respective pumpsets. Supply & Delivery of best indigenous brand new MCB (Miniature Circutit Breaker) of required capacity as per IS:8828-1978 and its latest amendment with ISI mark 6/10/20/25/40 amps with sealble box with MCB 3 KVAR	Rmtr	470.0	Rupees Four Hundred Seventy Only
39	10.00	Supplyin mmdia 2mm 2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive pase etc., and running before cocreting the slab. The conduit should be tiled to the reinforcement rods by using binding wires and unused ways of junction boxes and plpe ends should be covered using PVC end enclosuers. Run with 18SWGGI fish wire wherever necessary and as per the direction of engineer in charge of work	Nos	52.0	Rupees Fifty Two Only
40	1.00	Supplying of TPST with rewirable porcelain channels in SM enclosure. and as per the direction of engineer in charge of work	Nos	1470.0	Rupees One Thousand Four Hundred Seventy Only
41	2.00	Supplying and fixing polished wood board made of not less than 15 mm thick plan on both sides with planks made out of more than two pieces and fixing the same to the wall using wooden plugs, screws etc. and as per the direction of engineer in charge of work	Rmtr	312.0	Rupees Three Hundred Twelve Only

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Contractor

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	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
42	1.00	Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multistrand 2x1.5 Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box. The other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet (P-3. 1-8) (a) Short Point upto 3Mtr form tapping point to outet via switch and as per the direction of engineer in charge of work	Rmtr	195.0	Rupees One Hundred Ninety Five Only
43	1.00	© Long Point above 6 Mtr. Upto 10 Mtr. From tapping point to out let via switch and as per the direction of engineer in charge of work	Rmtr	415.0	Rupees Four Hundred Fifteen Only
44	1.00	Supplying 6 A flush/projected type socket and a 6Amps flush/projected type SP switch either surface/flush mounting in a existing gang box or a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required and as per the direction of engineer in charge of work	Nos	120.0	Rupees One Hundred Twenty Only
45	25.00	Wiring for lighting /power circuit using one of PVC insulated 1100V grade multis and Copper conductor single core cable in open or consealed system of wiring and as per the direction of engineer in charge of work	Rmtr	25.0	Rupees Twenty Five Only
46	3.00	Supplying and fixing PBBC backelite straight or slant batten holder &wiring 60w/230 Volts lamps and as per the direction of engineer in charge of work	Rmtr	65.0	Rupees Sixty Five Only
47	3.00	Supplying and fixing of LED type panel borad indicating lamp with required colour suitable for 220 v A.C. 50 Hz 12/24v D.C and as per the direction of engineer in charge of work	Nos	470.0	Rupees Four Hundred Seventy Only
48	12.00	Lobour charges for laying of 1.1KV class UG cable when supplied departmentally/ agency in existing trench GI pipe/stoneware pipe/on wall/on pole as required and as per the direction of engineer in charge of work	Rmtr	170.0	Rupees One Hundred Seventy Only
49	12.00	Digging of trench of 0.6mtrs deepx0.5 mtrs wide refilling the required gorund level and consolidating etc., complete and as per the direction of engineer in charge of work	Rmtr	10.0	Rupees Ten Only
50	8.00	Supplying and fixing of class 'A' GI pipe on pole /wall/drain crossing with necessary clamping arrangement for UG cable of 1.1KV class and as per the direction of engineer in charge of work	Rmtr	50.0	Rupees Fifty Only
51	6.00	Supplying and fixing of heay duty cable glands suitable for UG cable of 1.1KV class metal only and as per the direction of engineer in charge of work	Rmtr	260.0	Rupees Two Hundred Sixty Only
52	1.00	Supplying and fixing miniature circuit breakers on existing MCB disitribution boards using necessary fixing materials and wiring complete as required and as per the direction of engineer in charge of work)	Nos	71.0	Rupees Seventy One Only
53	1.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete a) 32Amps and as per the direction of engineer in charge of work	Nos	1085.0	Rupees One Thousand Eighty Five Only

Contractor

Executive Engineer
Project Division-3
Yelahanka Zone

No	App Qty	Description of work	Approved Rates of Sri.K.NarayanaSwamy		
			Unit	Rate in Figures	Rate in Words
54	5.00	Supplying and fixing L.T. cast Iorn pot heads suitable for 1.1. KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., a) 16Sqmm and as per the direction of engineer in charge of work	Nos	108.0	Rupees One Hundred Eight Only
55	1.00	Supplying, fixing, wiring, earth electrode for gounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checkunts etc., the pipe shall have 16 through holes of 122mm dia and as per the direction of engineer in charge of work	Nos	280.0	Rupees Two Hundred Eighty Only
56	1.00	Supplying decorative horizontal type street light fluorescent fitting weather and water proof complete with low loss open construction copper wound ferromagnetic ballast,starter,locking type brass contact holders with 1 No. of 4 feet 40 watts fluorescent tube completely wired for use on 230/250 volts. 50cycles AC supply with opal reeded Perspex cover at bottom complete fitting and as per the direction of engineer in charge of work	Nos	2106.0	Rupees Two Thousand One Hundred Six Only
57	1.00	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluroscent tube street light fitting of all capacities of GI or CI or rail or RCC pole/ wall using suitable clamps. bolts. and nuts and wiring using suitable capacity wires complete and as per the direction of engineer in charge of work	Nos	1544.0	Rupees One Thousand Five Hundred Forty Four Only
58	1.00	Providing and installing at site work P.V.C. Pipes including cost of pipes and specials and labour,including lowering into trenches,laying true to line,level and perfect linking at joints lead proof including jointing of approved type with all labour and lift charge, handling charges with all leads,including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc.,complete[P.No.15 - I.No.3.4.2.a& b PRED SR 2016-17]a) 63 mm dia PVC pipes 6kg/cm.square=104*6%=110.24 and as per the direction of engineer in charge of work	Nos	658.0	Rupees Six Hundred Fifty Eight Only
59	284.00	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. and as per the direction of engineer in charge of work	Rmtr	110.0	Rupees One Hundred Ten Only
60	1000.00	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. and as per the direction of engineer in charge of work	L	6.0	Rupees Six Only

Contractor

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